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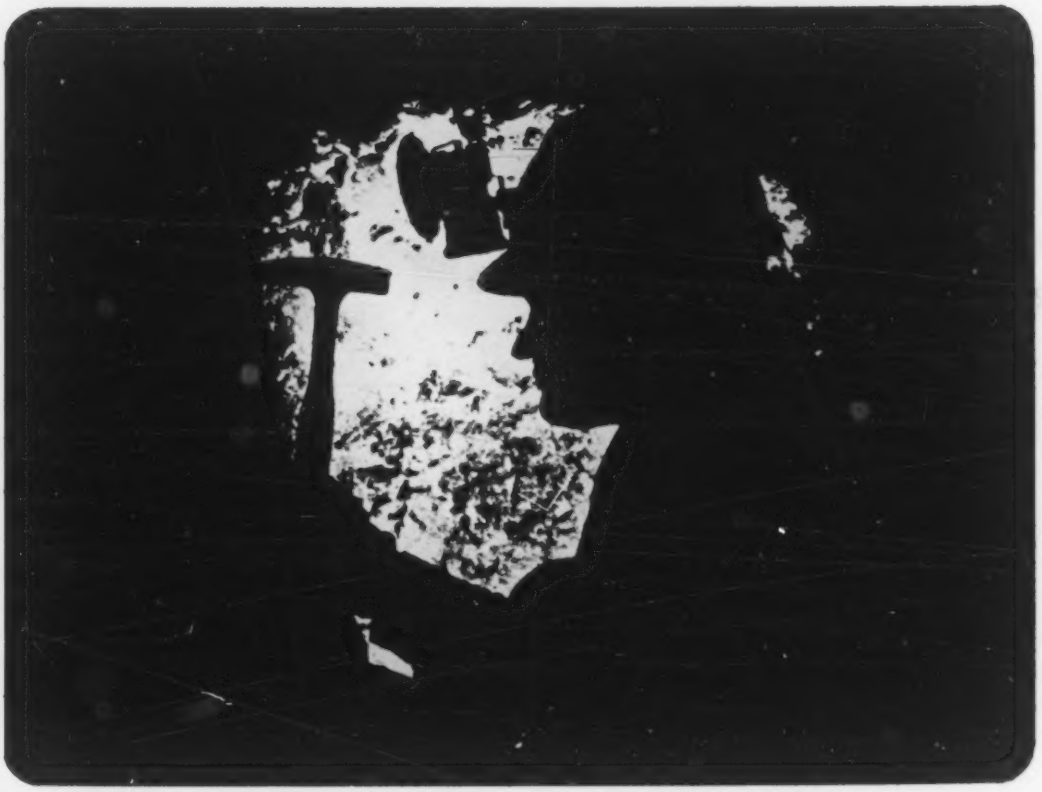
WISCONSIN ECONOMIC INDICATORS

OCTOBER 1987



DILHR
DEPARTMENT OF
INDUSTRY, LABOR & HUMAN RELATIONS

WISCONSIN DATA AND SOURCES

	INDICATOR	SOURCE
L1	Composite Index of Leading Indicators	Wis.Dept. of Industry, Labor and Human Relations
L2	Average Work Week, Manufacturing	Wis. Dept. of Industry, Labor and Human Relations
L3	Average Overtime Hours, Mfg.	Wis. Dept. of Industry, Labor and Human Relations
L4	Average Weekly Initial Claims	Wis. Dept. of Industry, Labor and Human Relations
L5	Total Job Openings Received	Wis. Dept. of Industry, Labor and Human Relations
L6	New Business Incorporations	Wisconsin Secretary of State
L7	Net Gain in Business Phone Access Lines	Wis. Telephone Co. and General Telephone Co.
L8	Building Plans Examined	Wis. Dept. of Industry, Labor and Human Relations
C1	Help-Wanted Advertising Index (Milw.)	National Industrial Conference Board
C2	Total Unemployment Rate	Wis. Dept. of Industry, Labor and Human Relations
C3	Natural Gas Sales	Wisconsin Public Service Commission
C4	New Car Registrations	Wis. Department of Transportation
C5	Electric Power Sales	Wisconsin Public Service Commission
C6	Total Securities Registrations	Wisconsin Commissioner of Securities
C7	Manufacturing Employment	Wis. Dept. of Industry, Labor and Human Relations
C8	Average Weekly Earnings, Mfg.	Wis. Dept. of Industry, Labor and Human Relations
C9	Cash Receipts From Farm Marketing	U.S. Department of Agriculture
C10	Contract Construction Employment	Wis. Dept. of Industry, Labor and Human Relations
X1	Birth Registrations	Wis. Department of Health and Social Services
X2	Death Registgrations	Wis. Department of Health and Social Services
X3	Natural Net Gain in Population	Wis. Department of Health and Social Services
X4	Marriage Registrations	Wis. Department of Health and Social Services
X5	Consumer Price Index (Milwaukee)	U.S. Bureau of Labor Statistics
X6	Index of Prices Received By Farmers	Wisconsin Department of Agriculture
X7	Net Gain in Residential Phone Access Lines	Wis. Telephone Co. and General Telephone Co.
X8	Labor Disputes, No. of Workers	Wis. Dept. of Industry, Labor and Human Relations
X9	Unemployment Compensation Exhaustees	Wis. Dept. of Industry, Labor and Human Relations

NOTES: Selected series are seasonally adjusted by the Bureau of the Census X-11 Variant of the Census Method II Seasonal Adjustment Program. The adjusted data are plotted on arithmetic scales.

SECTION A is a summary of recent data and current changes for all indicators and is presented in chart form. The indicators are presented with cyclical timing as the principle basis of classification.

SECTION B is a summary of Wisconsin Labor Force Estimates, including Employment, Unemployment and Unemployment Rates, and selected U.S. data.

SECTION C analyzes the Wisconsin labor force by industry and by specified Standard Metropolitan Statistical Areas.

SECTION D singles out certain economic time series as being leading or coinciding in relation to movements in aggregate economic activity. They are seasonally adjusted and presented graphically. The indicators are grouped by cyclical timing.

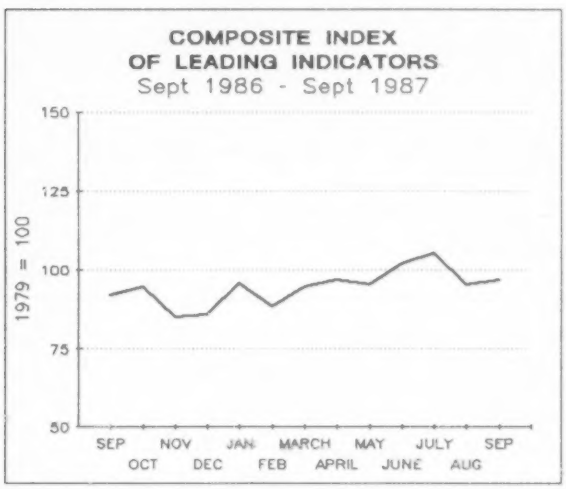
COVER PHOTO: Courtesy of Wisconsin Division of Tourism Development

WISCONSIN ECONOMIC INDICATORS

SUMMARY FOR SEPTEMBER

COMPOSITE INDEX

The Composite Index of Wisconsin's leading economic indicators rose in September by a point and a half to 96.8 for the month. The index is based on a monthly average in 1979 equal to one hundred. The index has shown gradual increase this year, with the first nine months averaging about three points above the comparable average for last year. While different leading indicators gave contrary signals of economic activity, a large decrease in initial claims for unemployment compensation boosted the index.



LEADING INDICATORS

The average workweek in September decreased by one-tenth of an hour, as Wisconsin's production workers reduced weekly hours to a 41.3 average. The workweek normally increases in September. A growth of two-tenths would have been normal this month.

Coupled with the shorter workweek is a static average overtime hours figure. The overtime average in September remained at 4.3 hours, which is less than the usual seasonal increase.

The shorter weekly hours in September, while depressing the composite index of leading indicators, denotes better economic conditions than the actual figures suggest. The reason is that while the workweek shortened, manufacturing employment grew at a better-than-normal rate. That is, manufacturers hired workers rather than stretch the workweek with overtime. The total labor input in manufacturing, the weekly hours times the manufacturing employment level, grew to the second highest figure of this year.

The average number of weekly initial claims for unemployment compensation decreased by nearly a thousand. A decrease of about two hundred would have been normal this month. While total employment decreased slightly, unemployment decreased at much more than is seasonally normal. However, the unemployment decline was due to labor force shrinkage.

The number of job openings received by state Job Service offices increased by 286 in September. The calls for workers usually tapers off in September; a decline of about 150 would have been normal.

New business incorporations increased by 82 this month. That is above par--a slight decrease is normal.

The net gain in business telephone access lines increased at above the normal pace, but the number of building plans examined decreased at more than the normal September decline.

Section

A WISCONSIN ECONOMIC INDICATORS

INDICATOR	UNIT	MONTHLY SERIES Latest Month	Mo/Ago	Yr/Ago	% CHANGE Mo/Ago	% CHANGE Yr/Ago	AVG. 1986
LEADING INDICATORS							
L1 COMPOSITE INDEX OF LEADING INDICATORS							
Seasonally Adjusted	INDEX	96.8 Sep	95.3	92.0	1.2	5.2	93.0
L2 AVG. WORK WEEK, MFG.							
Unadjusted	HOURS	41.3 Sep	41.4	41.4	- 0.2	- 0.2	41.4
Seasonally Adjusted		41.2	41.5	41.3	- 0.7	- 0.2	
L3 AVG. OVERTIME HOURS, MFG.							
Unadjusted	HOURS	4.3 Sep	4.3	4.0	0.0	7.5	3.6
Seasonally Adjusted		3.8	4.0	3.5	- 5.0	8.6	
L4 AVG. WEEKLY INITIAL CLAIMS							
Unadjusted	NUMBER	4352 Sep	5310	6252	- 18.0	- 30.4	8802
Seasonally Adjusted		6363	7489	9135	- 15.0	- 30.3	
L5 TOTAL JOB OPENINGS REC.							
Unadjusted	NUMBER	9993 Sep	9707	11,486	2.9	- 13.0	7743
Seasonally Adjusted		8020	7106	9218	12.9	- 13.0	
L6 NEW BUSINESS INCORPORATIONS							
Unadjusted	NUMBER	532 Sep	450	494	18.2	7.7	539
Seasonally Adjusted		568	479	527	18.6	7.8	
L7 NET GAIN IN BUSINESS PHONES ACCESS LINES							
Unadjusted	NUMBER	3734 Sep	-1647	2108	326.7	77.1	1276
Seasonally Adjusted		1509	1405	1545	7.5	- 2.3	
L8 BUILDING PLANS EXAMINED							
Unadjusted	NUMBER	601 Sep	684	607	- 12.3	- 1.0	560
Seasonally Adjusted		548	608	554	- 9.9	- 1.1	
ROUGHLY COINCIDING INDICATORS							
C1 HELP-WANTED INDEX (MILW.)							
Seasonally Adjusted	INDEX	83 Jul	72	65	15.3	27.7	60
C2 UNEMPLOYMENT RATE, TOTAL							
Unadjusted	PERCENT	4.4 Sep	4.8	5.8	-	-	7.0
Seasonally Adjusted		5.4	5.6	7.0	-	-	
C3 NATURAL GAS SALES							
Unadjusted	MIL. THERMS	58.6 Aug	60.8	79.8	- 3.6	- 26.6	214.6
Seasonally Adjusted		128.8	140.1	175.3	- 8.1	- 26.5	
C4 NEW CAR REGISTRATIONS							
Unadjusted	NUMBER	16,505 Sep	15,267	19,533	8.1	- 15.5	16,947
Seasonally Adjusted		14,392	15,390	17,019	- 6.5	- 15.4	
C5 ELECTRIC POWER SALES							
Unadjusted	MIL. KWH	2216.6 Aug	2313.4	2028.0	- 4.2	9.3	1946.0
Seasonally Adjusted		2050.5	2176.3	1875.5	- 5.8	9.3	
C6 TOTAL SECURITIES REGISTRATIONS							
Unadjusted	MIL. DOL.	98.1 Sep	109.4	320.5	- 10.3	- 69.4	171.0
Seasonally Adjusted		78.7	129.8	257.1	- 39.4	- 69.4	

A WISCONSIN ECONOMIC INDICATORS

INDICATOR	UNIT	MONTHLY SERIES Latest Month		Mo/Ago	Yr/Ago	% CHANGE Mo/Ago	Yr/Ago	AVG. 1986
C7 MANUFACTURING EMPL.								
Unadjusted	THOUS	535.9	Sep	532.0	523.6	0.7	2.3	513.0
Seasonally Adjusted		522.8		516.5	510.8	1.2	2.3	
C8 AVG. WEEKLY EARNINGS, MFG.								
Unadjusted	DOLLARS	434.48	Sep	425.59	423.94	2.1	2.5	427.38
Seasonally Adjusted		438.87		437.40	428.32	0.3	2.5	
C9 CASH RECEIPTS FROM FARM MKTG.								
Unadjusted	MIL DOL	423.7	Jul	399.8	401.5	6.0	5.5	416.8
Seasonally Adjusted		423.3		411.3	401.0	2.9	5.6	
C10 CONTRACT CONSTRUCTION EMPL.								
Unadjusted	THOUS	70.8	Sep	70.5	70.3	0.4	0.7	64.0
Seasonally Adjusted		62.9		61.6	62.5	2.1	0.6	
OTHER KEY INDICATORS								
X1 BIRTH REGISTRATIONS								
Unadjusted	NUMBER	6223	Sep	5885	6659	5.7	- 6.5	6,033
Seasonally Adjusted		5794		5804	6200	- 0.2	- 6.5	
X2 DEATH REGISTRATIONS								
Unadjusted	NUMBER	3337	Sep	3460	3571	- 3.6	- 6.6	3,514
Seasonally Adjusted		3402		3892	3640	- 12.9	- 6.5	
X3 NATURAL NET GAIN POPULATION								
Unadjusted	NUMBER	2886	Sep	2425	3088	19.0	- 6.5	2,519
Seasonally Adjusted		2368		2076	2534	14.1	- 6.6	
X4 MARRIAGE REGISTRATIONS								
Unadjusted	NUMBER	4501	Sep	4743	4802	- 5.2	- 6.3	3,207
Seasonally Adjusted		3019		3191	3220	- 5.4	- 6.2	
X5 CONSUMER PRICE INDEX (MILW.)				(Nov'86)	(Jul'86)			
Unadjusted	INDEX	340.0	Jun	330.7	331.3	2.8	2.6	331.7
X6 PRICES RECEIVED BY FARMERS								
Unadjusted	INDEX	136	Sep	134	136	1.5	0.0	131
Seasonally Adjusted		136		134	136	1.5	0.0	
X7 NET GAIN IN RESIDENTIAL PHONES ACCESS LINES								
Unadjusted	NUMBER	7804	Sep	3508	5382	122.5	45.0	1,363
Seasonally Adjusted		2001		1246	1569	60.6	27.5	
X8 LABOR DISPUTES, NO. OF WORKERS								
Unadjusted	NUMBER	359	Sep	252	683	42.5	- 47.4	769
Seasonally Adjusted		189		87	359	117.2	- 47.4	
X9 UNEMPL. COMPENSATION EXHAUSTEES								
Unadjusted	NUMBER	15,912	Sep	17,300	25,377	- 8.0	- 37.3	26,223
Seasonally Adjusted		16,105		16,731	25,688	- 3.7	- 37.3	

Section

B

LABOR FORCE ESTIMATES

WISCONSIN LABOR FORCE ESTIMATES SEPTEMBER	(In Thousands)			Pct. Chg.	
	Latest Month *	Month Ago	Year Ago	Month Ago	Year Ago
Unadjusted					
CIVILIAN LABOR FORCE	2491.9	2507.6	2403.2	0.6	3.7
Employment (Inc. Labor Disputes)	2382.7	2386.3	2264.3	- 0.2	5.2
Unemployment	109.2	121.3	139.0	-10.0	-21.4
Unemployment Rate	4.4	4.8	5.8	-	-
Seasonally Adjusted					
CIVILIAN LABOR FORCE	2458.4	2470.8	2378.7	- 0.5	3.4
Employment (Inc. Labor Disputes)	2326.9	2332.6	2211.2	- 0.2	5.2
Unemployment	131.6	138.2	167.5	- 4.8	-21.4
Unemployment Rate	5.4	5.6	7.0	-	-

WISCONSIN EMPLOYMENT ESTIMATES SEPTEMBER	(In Thousands)			Pct. Chg.	
	Latest Month	Month Ago	Year Ago	Month Ago	Year Ago
TOTAL NONFARM WAGE AND SALARY WORKERS	2095.0	2076.3	2048.8	0.9	2.3
Unadjusted					
Manufacturing	535.5	531.9	523.4	0.7	2.3
Mining	2.5	2.5	2.4	0.0	4.2
Contract Construction	70.8	70.5	69.8	0.4	1.4
Transportation and Public Utilities	94.7	90.9	93.9	4.2	0.9
Elec., Gas and Sanitary Services	17.6	18.0	17.4	- 2.2	1.1
Wholesale Trade	104.6	104.9	100.7	- 0.3	3.9
Retail Trade	400.1	401.7	388.1	- 0.4	3.1
General Merchandise	49.7	49.5	48.3	0.4	2.9
Finance, Insurance and Real Estate	112.1	113.3	108.9	- 1.1	2.9
Banking	28.4	28.6	27.9	- 0.7	1.8
Insurance	36.9	37.1	35.6	- 0.5	3.7
Service and Miscellaneous	453.6	457.9	440.9	- 0.9	2.9
Hospitals	69.5	69.5	67.2	0.0	3.4
Private Education	22.1	21.2	23.8	4.2	- 7.1
Government	321.2	302.8	320.7	6.1	0.2
State Government	83.4	76.5	82.3	9.0	1.3
Local Government	209.3	197.6	210.1	5.2	- 0.4

UNITED STATES LABOR FORCE ESTIMATES SEPTEMBER	(In Thousands)			Pct. Chg.	
	Latest Month	Month Ago	Year Ago	Month Ago	Year Ago
Seasonally Adjusted					
CIVILIAN LABOR FORCE	119,861	120,861	118,272	- 0.4	1.3
Employment	112,772	113,081	109,987	- 0.3	2.5
Unemployment	7,089	7,221	8,285	- 1.8	-14.4
Unemployment Rate	5.9	6.0	7.0	-	-

* Latest month data are preliminary

MANUFACTURING EMPLOYMENT *(Unadjusted)* SEPTEMBER	(In Thousands) Latest Month	Month Ago	Year Ago
All Manufacturing (Including Canning)	535.5	531.9	523.4
All Manufacturing (Excluding Canning)	517.1	511.0	502.1
Durable Goods	321.1	313.3	311.4
Lumber and Wood Prod., (Except Furniture)	26.2	26.2	23.7
Sawmills and Planning Mills	3.2	3.1	3.0
Millwork, Veneer, Plywood & Prefab. Wood Prod.	13.6	13.7	11.8
Furniture and Fixtures	10.8	11.0	10.5
Household Furniture	4.5	4.4	4.2
Stone, Clay and Glass Products	9.5	9.5	8.3
Concrete, Gypsum and Plaster Products	4.9	5.0	4.1
Primary Metal Industries	19.6	19.0	19.1
Iron and Steel Foundries	10.1	9.8	9.9
Fabricated Metal Products	51.8	51.7	51.9
Heating Equipment (Except Electrical) & Plumbing Fixtures	7.0	7.2	6.6
Fabricated Structural Metal Products	12.2	12.3	12.2
Metal Stampings	10.6	10.4	10.9
Machinery (Except Electrical)	100.9	99.4	97.8
Engines and Turbines	19.7	19.2	18.8
Farm Machinery and Equipment	12.4	11.6	11.7
Const., Min. & Material Handling Mach. & Equip.	11.5	11.3	10.9
Metalworking Machinery and Equipment	10.8	10.7	10.9
Special Industry Machinery (Except Metalworking)	12.2	12.1	11.7
General Industrial Machinery and Equipment	14.1	14.1	13.7
Service Industry Machines	6.8	6.8	7.0
Electrical Machinery, Equipment and Supplies	47.8	47.4	48.8
Electrical Industrial Apparatus	14.9	14.8	15.9
Household Appliances	6.4	6.4	6.5
Transportation Equipment	33.4	28.2	30.6
Motor Vehicles and Equipment	27.0	21.6	22.7
Instruments and Related Products	10.8	10.9	11.5
Miscellaneous Manufacturing	10.3	10.2	9.1
Nondurable Goods	214.4	218.6	212.0
Food and Kindred Products	69.5	72.5	71.4
Meat Products	13.7	13.8	14.0
Dairy Products	18.1	18.4	17.4
Canning and Preserving	18.3	20.8	21.3
Bakery Products	5.1	5.2	4.6
Beverage Industries	7.3	7.3	7.4
Textile Mill Products	4.1	4.2	4.1
Knitting Mills	3.5	3.6	3.6
Apparel and Other Finished Products	6.8	6.8	6.7
Paper and Allied Products	49.3	50.2	49.3
Pulp and Paper Mills	30.5	31.5	30.8
Converted Paper and Paperboard Products	10.4	10.5	10.2
Paperboard Containers and Boxes	7.3	7.0	7.0
Printing, Publishing and Allied Industries	41.0	4.13	39.7
Newspapers	12.4	12.5	12.2
Commercial Printing	17.6	17.8	17.3
Chemicals and Allied Products	11.6	11.8	10.7
Rubber and Misc. Plastics Products	25.0	24.7	23.0
Miscellaneous Plastics Products	20.6	20.5	18.9
Leather and Leather Products	6.8	6.9	6.8
Leather Tanning and Finishing	1.7	1.7	1.6
Footwear (Except Rubber)	3.4	3.3	3.3
Other Nondurable Goods	–	–	–

Section

C WISCONSIN EARNINGS AND HOURS DATA

EARNINGS AND HOURS *(Unadjusted)* SEPTEMBER	Average Weekly Earnings			Average Weekly Hours		
	Latest Month	Mo Ago	Yr Ago	Latest Month	Mo Ago	Yr Ago
All Manufacturing (Incl. Canning)	$434	$426	$424	41.3	41.4	41.4
All Manufacturing (Excl. Canning)	442	433	435	41.3	41.2	41.7
Durable Goods	441	435	437	41.1	41.3	41.7
Lumber/Wood Prod. (Exc. Furn.)	317	324	325	39.7	40.6	41.3
Furniture and Fixtures	341	341	349	42.0	42.8	43.0
Stone, Clay and Glass Products	435	452	423	45.8	46.6	43.2
Primary Metal Industries	443	449	440	43.6	44.2	43.9
Iron and Steel Foundries	449	462	443	44.4	45.4	44.4
Fabricated Metal Products	425	420	410	41.1	40.9	40.3
Fab. Structural Metal Prod.	432	425	425	43.4	43.4	41.1
Metal Stampings	446	449	437	39.8	40.2	40.5
Machinery (Except Electrical)	486	482	484	41.7	41.8	42.0
Engines and Turbines	529	524	529	41.0	40.4	41.7
Farm Machinery and Equip.	520	482	538	41.9	40.6	42.0
Const. and Related Mach.	479	476	459	42.6	43.0	42.2
Metalworking Mach. and Equip.	528	519	520	42.2	42.3	42.8
Spec. Ind. Mach. (Exc. Metal)	487	497	489	41.9	43.0	41.5
Gen. Industrial Mach. and Equip.	466	477	490	40.7	41.6	41.5
Electricol Mach., Equip. and Supp.	405	415	420	39.7	40.6	41.6
Electrical Industrial Apparatus	439	451	439	40.8	41.4	40.8
Transportation Equipment	570	541	559	39.6	38.1	41.6
Instruments and Related Prod.	374	383	340	41.3	41.8	39.0
Nondurable Goods	424	412	406	41.5	41.5	41.1
Food and Kindred Products	370	357	342	41.1	41.4	39.5
Meat Products	379	360	365	41.7	41.8	41.7
Dairy Products	424	393	407	42.1	40.0	41.2
Textile Mill Products	284	299	353	40.4	42.1	44.8
Apparel and Other Fin. Prod.	249	250	262	36.9	39.2	41.8
Paper and Allied Products	607	571	558	46.8	54.1	45.4
Pulp and Paper Mills	664	612	603	48.4	45.5	46.2
Printing, Pub. and Allied Prod.	445	442	441	38.6	39.2	38.3
Chemicals and Allied Products	400	398	465	36.9	36.8	40.7
Rubber and Misc. Plastics Prod.	334	331	334	40.2	39.9	40.5
Leather and Leather Products.	261	262	255	39.5	39.8	38.4

Section

C WISCONSIN EARNINGS AND HOURS DATA

EARNINGS AND HOURS *(Unadjusted)* SEPTEMBER	Average Hourly Earnings Including O T			Average Hourly Earnings Excluding O T		
	Latest Month	Mo. Ago	Yr. Ago	Latest Month	Mo. Ago	Yr. Ago
All Manufacturing (Incl. Canning)	$10.52	$10.28	$10.24	$10.00	$ 9.83	$ 9.83
All Manufacturing (Excl. Canning)	10.70	10.50	10.43	10.16	10.02	10.01
Durable Goods	10.73	10.53	10.49	10.27	10.11	10.14
Lumber/Wood Prod. (Exc. Furn.)	7.98	7.98	7.88	7.90	7.87	–
Furniture and Fixtures	8.13	7.97	8.12	7.97	7.90	7.74
Stone, Clay and Glass Products	9.49	9.69	9.78	9.12	9.25	–
Primary Metal Industries	10.15	10.16	10.03	9.59	9.64	9.52
Iron and Steel Foundries	10.11	10.17	9.97	9.52	9.62	9.47
Fabricated Metal Products	10.35	10.26	10.17	9.88	9.81	9.76
Fab. Structural Metal Prod.	9.96	9.79	10.35	9.43	9.29	9.89
Metal Stampings	11.20	11.16	10.80	10.82	10.77	10.42
Machinery (Except Electrical)	11.65	11.52	11.53	11.18	11.06	11.12
Engines and Turbines	12.90	12.96	12.69	12.38	12.41	12.18
Farm Machinery and Equip.	12.40	11.86	12.81	11.91	11.46	12.31
Const. and Related Mach.	11.25	11.06	10.88	10.76	10.58	10.56
Metalworking Mach. and Equip.	12.50	12.26	12.14	11.92	11.86	11.69
Spec. Ind. Mach. (Exc. Metal)	11.62	11.55	11.79	11.12	11.00	11.24
Gen. Industrial Mach. and Equip.	11.44	11.47	11.80	10.95	10.97	11.48
Electrical Mach., Equip. and Supp.	10.19	10.23	10.10	9.76	9.80	9.79
Electrical Industrial Apparatus	10.76	10.89	10.75	10.48	10.52	10.60
Transportation Equipment	14.40	14.20	13.44	13.61	13.47	12.82
Instruments and Related Prod.	9.05	9.16	8.73	8.76	8.78	8.53
Nondurable Goods	10.22	9.92	9.87	9.59	9.42	9.35
Food and Kindred Products	9.00	8.63	8.67	8.60	8.28	8.21
Meat Products	9.09	8.61	8.75	8.76	8.29	8.41
Dairy Products	10.06	9.83	9.88	9.42	9.33	9.23
Textile Mill Products	7.02	7.10	7.89	6.96	6.76	7.50
Apparel and Other Fin. Prod.	6.76	6.38	6.26	6.52	6.19	6.03
Paper and Allied Products	12.97	12.67	12.29	11.95	11.90	11.69
Pulp and Paper Mills	13.72	13.46	13.05	12.57	12.59	12.46
Printing, Pub. and Allied Prod.	11.53	11.27	11.37	–	–	–
Chemicals and Allied Products	10.85	10.82	11.43	10.57	10.53	11.15
Rubber and Misc. Plastics Prod.	8.30	8.30	8.24	7.97	8.00	7.89
Leather and Leather Products.	6.62	6.58	6.64	6.40	6.35	6.47

Section

C SUMMARY OF RECENT WISCONSIN DATA

EARNINGS AND HOURS, MFG. Production Workers (Unadjusted) SEPTEMBER	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings Including O.T.			Average Hourly Earnings Excluding O.T.	
	Latest Month	Month Ago	Year Ago	Latest Month	Month Ago	Year Ago	Latest Month	Month Ago	Year Ago	Latest Month	Month Ago
United States	$407	$403	$399	40.6	40.9	41.0	10.02	9.86	9.73	-	-
Wisconsin	434	426	424	41.3	41.4	41.4	10.52	10.28	10.24	10.00	9.83
Selected Areas											
Appleton-Oshkosh (Calumet-Winnebago-Outagamie)	461	453	440	42.5	42.5	42.4	10.84	10.67	10.38	10.24	10.12
Beloit (City)	397	382	422	38.5	38.4	40.9	10.30	9.94	10.32	10.06	9.90
Eau Claire (Eau Claire-Chippewa)	448	446	430	40.6	41.8	40.8	11.03	10.68	10.53	10.30	10.17
Fond du Lac (County)	386	379	404	39.8	39.7	43.9	9.70	9.55	9.20	9.32	9.15
Green Bay (Brown County)	466	457	460	40.7	41.9	42.0	11.44	10.91	10.95	10.44	10.15
Janesville (City)	477	405	562	34.0	28.4	41.9	14.04	14.25	13.41	13.39	13.84
Janesville-Beloit (Rock County)	434	388	508	36.0	33.2	41.5	12.06	11.69	12.24	11.40	11.25
Kenosha (County)	546	475	446	41.9	40.9	40.7	13.04	11.61	10.96	12.28	10.91
La Crosse (County)	363	359	359	39.4	39.7	39.5	9.21	9.04	9.08	8.97	8.79
Madison (Dane County)	404	392	401	41.4	41.1	41.4	9.76	9.54	9.69	9.38	9.17
Manitowoc (County)	375	388	357	39.2	40.1	38.5	9.57	9.68	9.28	9.19	9.22
Milwaukee (Milwaukee-Ozaukee-Waukesha-Washington)	479	479	478	40.9	41.3	41.0	11.71	11.59	11.65	11.10	11.00
Racine (County)	437	432	438	39.8	40.1	40.6	10.98	10.77	10.80	10.66	10.47
Sheboygan (County)	397	397	392	42.0	42.4	41.4	9.45	9.36	9.48	9.00	8.88
Wausau (Marathon County)	433	422	423	43.1	42.5	43.3	10.04	9.94	9.78	9.50	9.40

EMPLOYMENT, MFG. (Unadjusted) SEPTEMBER	(In Thousands)			Percent Change	
	Latest Month	Month Ago	Year Ago	Month Ago	Year Ago
United States	19,357.0	19,221.0	19,113.0	0.7	1.3
Wisconsin	535.5	531.9	523.4	0.7	2.3
Selected Areas					
Appleton-Oshkosh (Calumet-Winnebago-Outagamie)	51.3	51.4	49.6	- 0.2	3.4
Beloit (City)	4.8	4.8	4.5	0.0	6.7
Eau Claire (Eau Claire-Chippewa)	10.1	10.3	10.3	- 1.9	- 1.9
Fond du Lac (County)	10.6	10.8	11.2	- 1.9	- 5.4
Green Bay (Brown County)	24.9	25.8	25.5	- 3.5	- 2.4
Janesville (City)	9.5	8.7	10.9	9.2	-12.8
Janesville-Beloit (Rock County)	16.8	16.0	17.2	5.0	- 2.3
Kenosha (County)	15.5	10.7	9.7	44.9	59.8
La Crosse (County)	10.5	10.3	10.2	1.9	2.9
Madison (Dane County)	22.7	22.8	21.8	- 0.4	4.1
Manitowoc (County)	11.6	11.4	12.6	1.8	- 7.9
Milwaukee (Milwaukee-Ozaukee-Waukesha-Washington)	167.5	165.8	167.3	1.0	0.1
Racine (County)	24.0	23.3	24.3	3.0	- 1.2
Sheboygan (County)	19.9	20.3	19.0	- 2.0	4.7
Wausau (Marathon County)	13.5	13.7	12.2	- 1.5	10.7

WISCONSIN INDUSTRIAL AND OCCUPATIONAL PROJECTIONS

WANTED: Estimates of the number of future workers possessing various specific skills.

AVAILABLE: Wisconsin Industrial and Occupational Projections to 1995.

Wisconsin's Department of Industry, Labor and Human Relations is releasing projections of employment in the broad spectrum of industries and the whole range of occupations found within our economy. The projections are for 1995, eight years away. Thus, the document aids business planners determine where and how much of their needed skilled labor will be available, and, on the other hand, aids students, educators and public policy planners determine what occupational training is most promising.

Producing such estimates is a major undertaking. Because industry data is much more available, projecting future employment within the various industries is much easier than projecting the number of workers in various occupations. To overcome this handicap, a program called Occupational Employment Statistics was designed during the 1970's. It is a joint state and federal cooperative effort with all of the states participating.

The program is based on a three-year cycle. Business firms in different industries are surveyed at different times. For example, a manufacturing company, if in the survey sample, is queried once in three years, along with other manufacturers.

With the data, economists and analysts compile staffing patterns for various industries. In effect, researchers took a snapshot of employment within industries, noting what portion of workers are managers, what portion are computer programmers, what portion are clerical workers, and so forth. Armed with typical employment profiles in different industries, analysts then projected employment growth for various industries, applied the employment profile for each industry and noted occupational growth. While the method seems simple, the cross-tabulation of occupations and industries yielded 250,000 cells of information.

Complicating employment projections are a host of factors. The number and kinds of workers needed in 1995 will depend on the interplay of demographic factors which shape the state's economy. Some occupations will grow faster than others; some occupations will decline or even disappear as we adopt new technologies in the production, distribution and selling of goods and services.

The age structure of Wisconsin's population will have an important implication on labor supply. The number of people reaching school-leaving age will continue to decrease through 1990, and the number of people in prime working age--25 through 54--will continue to grow. Given the shrinking pool of new entrants, the state's projected rate of job growth for the decade between 1985 and 1995 is only half the rate at which jobs had been added to the state's economy between 1960 and 1985.

Yet, changes in educational attainment, potential earning power and family structure will continue to profoundly affect the composition of the labor force. Women entering the labor force will account for between 70 and 80 percent of its growth.

A number of educators and policy makers served on a panel of experts to establish future workforce needs. The final product is a set of

(Continued on back cover)

PLANNING INFORMATION FOR EMPLOYMENT TRAINING AND INDUSTRIAL DEVELOPMENT

If you like to mull over rows and columns of numbers, trying to decipher meanings and trends that are hidden in tables containing scores of figures, then PIETID is not for you.

If, on the other hand, you are a harried business manager, an over-scheduled occupational counselor or career-oriented student and you require the maximum efficiency in using your time, then Planning Information for Employment, Training and Industrial Development (PIETID) is for you.

With this publication, the state's Department of Industry, Labor and Human Relations analyzes and summarizes, in narrative, the past and present economic environment, analyzes the changes occurring in Wisconsin's labor scene, and projects those trends into the future.

While the PIETID report is a planning document, it is not a recipe for planning our economy. And, while business attitudes today endorse lesser involvement of both state and federal government in business affairs, both businesses and individuals need to plan.

Wisconsin's economy is currently adjusting to regional, national and even global changes which have already occurred and to changes which will continue to occur. We must be aware of expected changes, have access to accurate and useful information and plan accordingly for the future.

PIETID is a compilation of planning information emphasizing the labor aspect of the economy. It gives a profile of the state's labor force and outlines industries and occupations likely to grow. PIETID supplies data and analysis with which to make economic decisions; decisions such as where to build a business site, on whether and where to seek a job, on what careers to study for; but decisions based on the supply and demand equation for the labor component of our economy. PIETID is a statement of supply and demand for labor.

In the future, labor may no longer be the inexhaustible resource it seemingly has been. The aging of the population and the shrinking of the number of young people who are entering labor force age portends a slower growing labor pool. Yet the trend to "high technology" jobs will mean that our labor force will need to be better trained and more highly skilled than ever. The central question is whether we will be able to match skill achievement within our population and skill needs of employers.

The PIETID report addresses such topics as women's trends in the labor force, the youth labor force, the labor force status of disabled adults and older workers. The report denotes both industries and occupations which are declining and notes which are growing.

Separate reports have been compiled for the state and for seventeen areas of the state, called service delivery areas.

Copies of the PIETID can be ordered from Priscila Richie, P. O. Box 7944, Madison, WI 53707, or by calling (608) 267-9607.

Section

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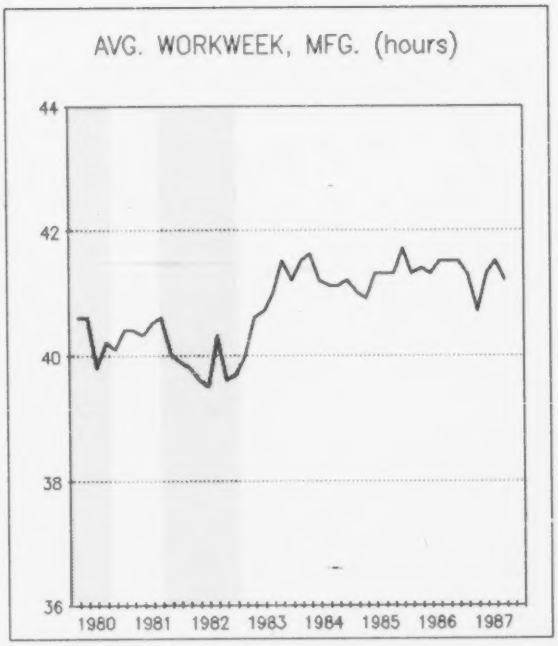

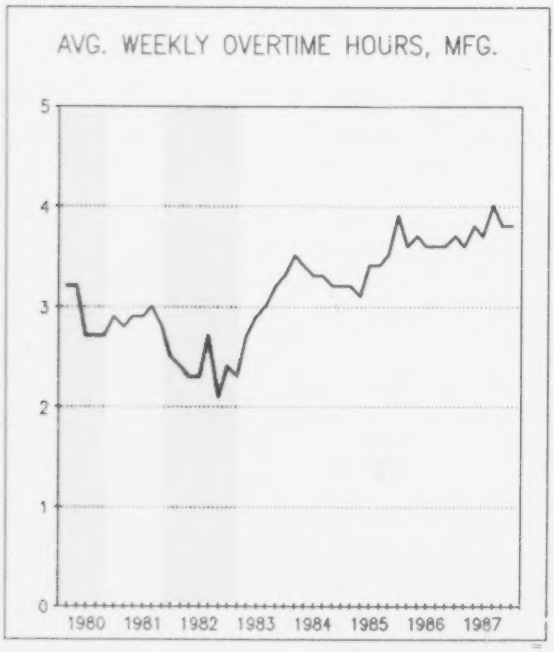

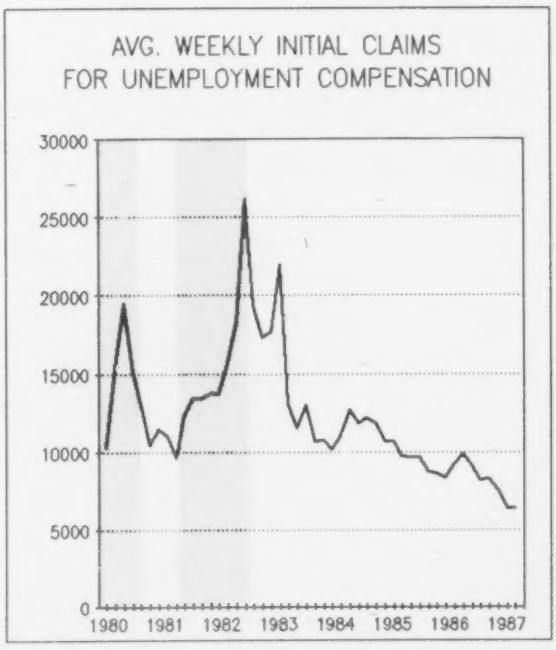

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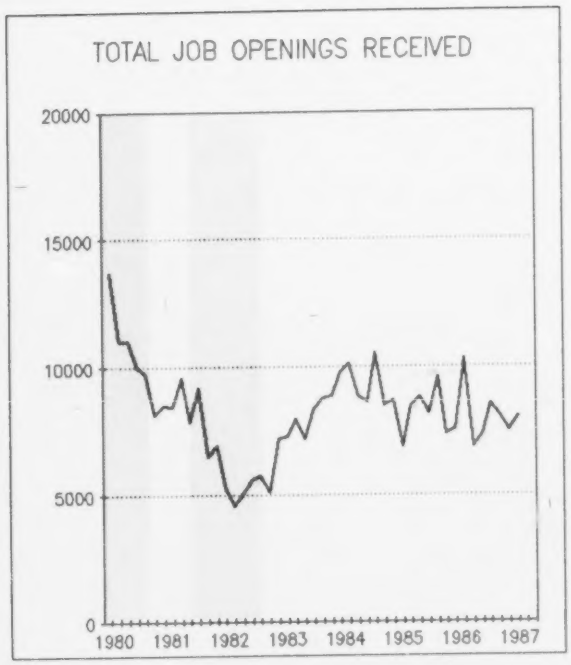

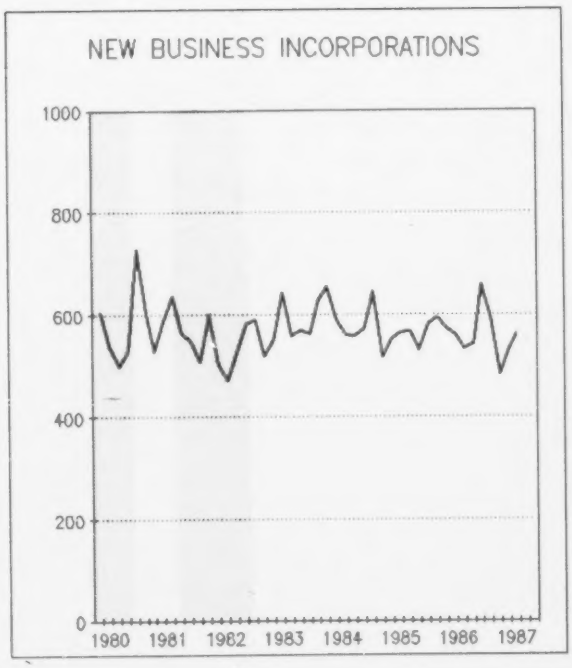

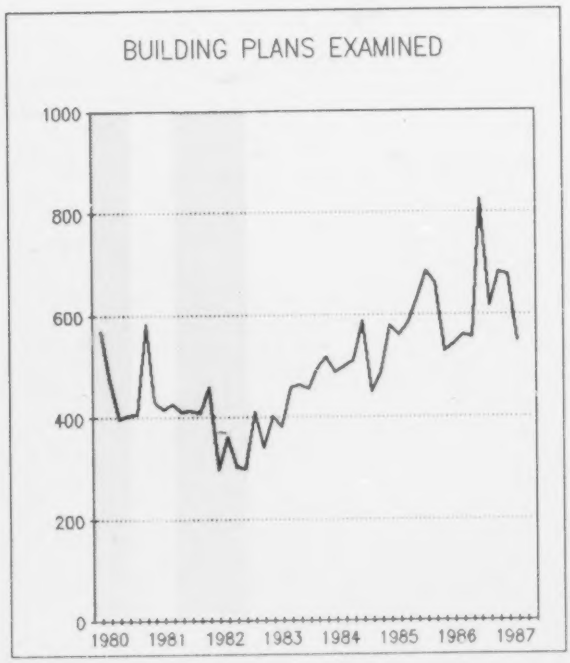

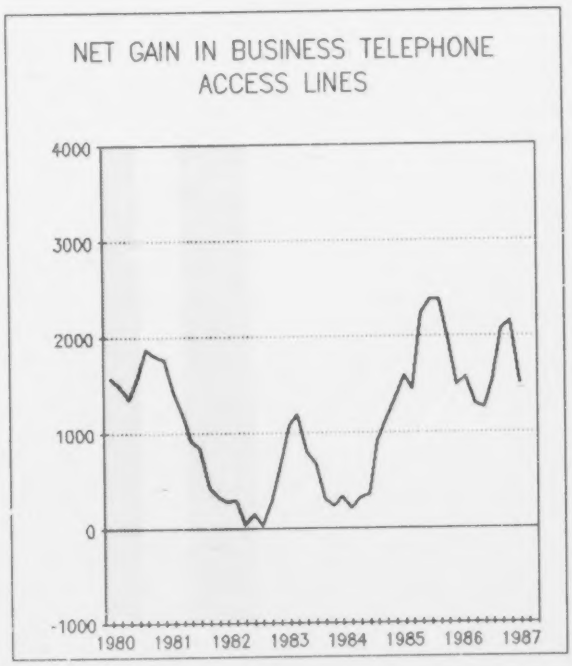

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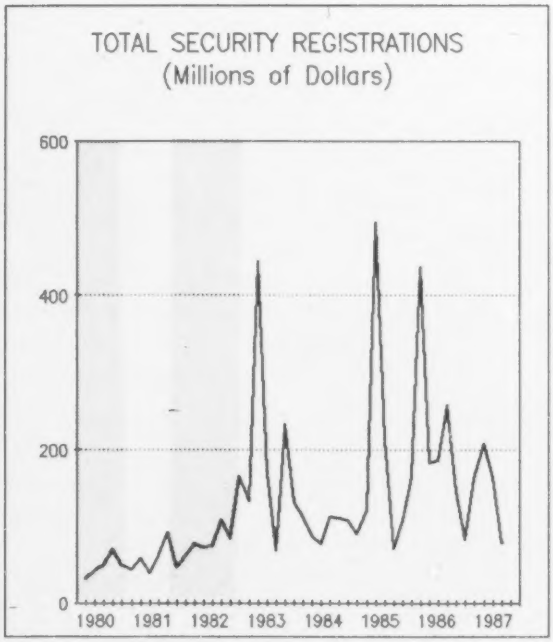

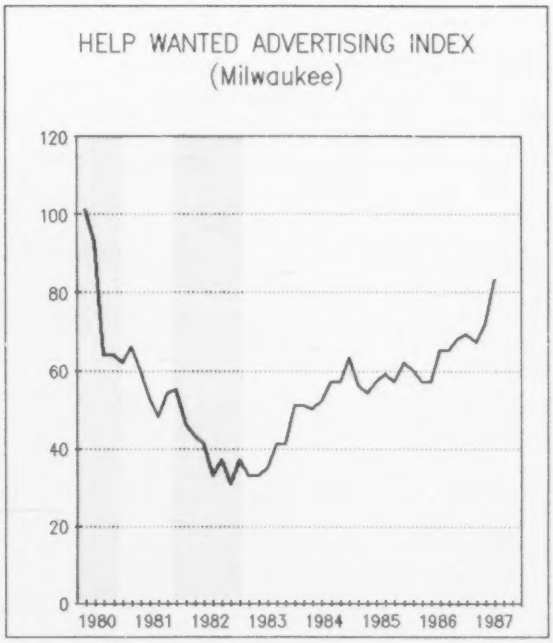

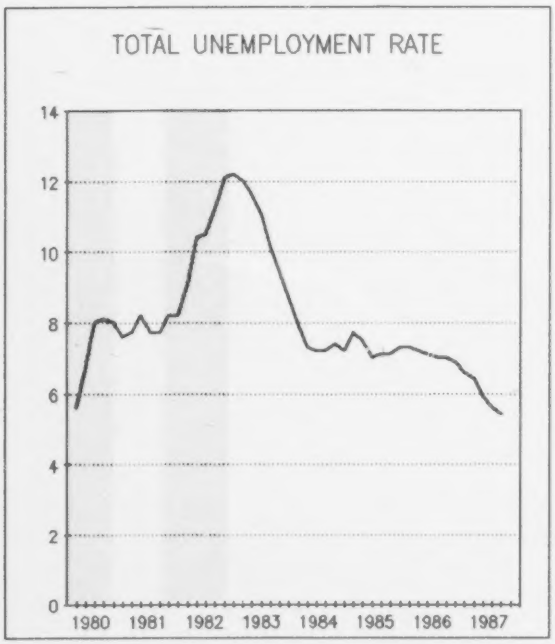

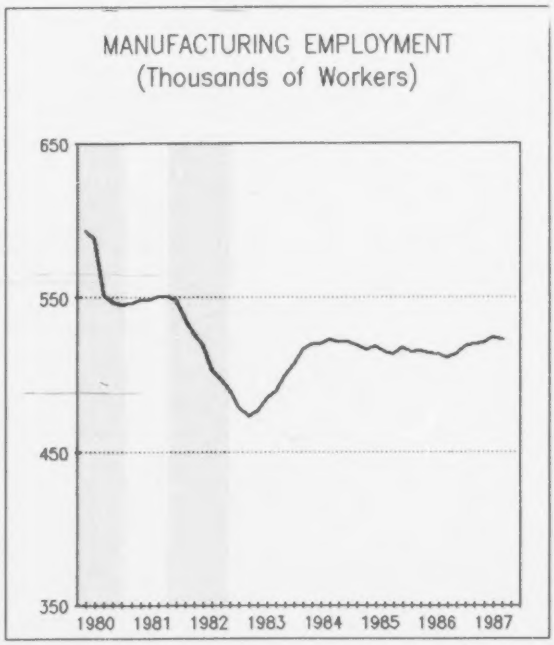

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(Continued from page 9)

projections for the state as a whole and for seventeen districts called service delivery areas, which are made up of several neighboring counties. Copies of the projections can be ordered from Priscila Richie, P. O. Box 7944, Madison, WI 53707 or by calling (608) 267-9607.